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(54) Title: RTVP-GLIPR-LIKE COMPOSITIONS AND METHODS FOR THE DETECTION, TREATMENT AND PREVENTION OF PROSTATE CANCER

#### RTVP-1 and RGL1a, RGL1ß protein compare

RTVP-1	MRVTLATIAWHVSFVSHYSHTANILPDIENEDFIKDCVRIHNKFRSEVKPTASDMLYMTW
RGLa	MALKNKPSCLWILGLCLVATTSSKIPSITOPHPIDNCIBAHNBWRGKVNPPAADMKYMIW
RGL <b>β</b>	MALKNKPSCLWILGLCLVATTSSKIPSITDPHFIDNCIPAHNEWRGKVNPPAADMKYMIW
RTVP-1	i DPALAQIAKAWASKCQFSHNTRLKPPHKLHPNFTSLGENIWTGSVPIFSVSSAITNWYDE
RGL•	DKGLAKMAKAWANQCKFEHNDCLDKSYKCYAAFBYVGENIWLGGIKSFTPRHAITAWYNE
RGLB	dkglarmakawanqcrfehndcldksykcyaafeyvgeniwlggiksftprhaitawyne
RTVP-1	IQDYDFKTRICKKVCGHYTQVVWADSYKVGCAVQFCPKVSGFDALSNGAHFICNIGPGGN
RGLa	TQFYDFDSLSCSRVCGHYTQLVWANSFYVGCAVAMCPNLGGASTALFVCNTGPAGN
RGL <b>\$</b>	TQFYDFDSLSCSRV <b>CGHYTQLVWA</b> NSFYVGCAVAMCPNLGGAST <b>ALFVCNYGPAG</b> N
RTVP-1	YPTW-PYKRGATCSACPNNDKCLDNLCVNRQRDQVK-RYYSVVY
RGLa	FANNPPYVRGESCSLCSKEEKCVKNLCKNPFLKPTGRAPQQTAPNPFSLGF
RGLB	FANMPPYVRGESCSLCSKEEKCVKNLCRTPQLIIPNQNPFLKPTGRAPQQTAFNPFSLGP
RTVP	PGWPIYPRNRYTSLFLIVNSVILILSVIITILVQLKYPNLVLLD
RGL	LLLRIF (SEQ ID NO: 2)
RGL 6	:::::: LLLRIF (SEQ ID NO: 4)

signal peptide SCP-domain(sig1,sig2) Caveolin biding site TM-domain MQVILAVIVWM VCGHYTQVVWAD YMETQFYDF YTSLFLIVNSVILILSVIITILV

(57) Abstract: The invention is directed to purified and isolated novel RGL polypeptides, the nucleic acids encoding such polypeptides, processes for production of recombinant forms of such polypeptides, antibodies generated against these polypeptides, fragmented peptides derived from these polypeptides, and the uses of the above.

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